ed, as this, to chance, and afterwards aided by culture. His experiments were to be deciſive of his expectations from this ſort of diſcovery; and the reſult of them, continued from 1765 to 1767, incluſive, was as follows:

Common barley, become branchy, reſumed its firſt ſtate, and ſcarce yielded more than one branchy ear in an hundred.

The ſuction, on the contrary, acquired a new monſtroſity; it appeared in the ears of the largeſt grains, having two germina joined to the ſame farinaceous maſs, which had never been obſerved in any gramineous plant.

It likewiſe follows, that thoſe variations are only what is called, in botany, varieties and not ſpecies, becauſe they do not perpetuate themſelves conſtantly: But, as theſe varieties increaſe only the quantity of the grain, without altering the quality, we may the more reaſonably endeavour to favour them, as the barley on which the firſt experiment was made is of a very good quality, as to the grain, and its ſtraw is very delicate, and very fit fodder for cattle. All this, however, is only the beginning of ſome trouble, but from which one may expect uſeful conſequences by continuing it; it is only ſo, that we are allowed to avail ourſelves of the errors of Nature.

INDEX *to the* FORTY-THIRD VOLUME.

A.

ADDRESS of the Houſe of Peers, with his Majeſty's anſwer to it, 274.—of the city of London, on the ſafe delivery of the Queen, 275.

Ænigma, 205.

African coaſt, affairs of the Engliſh there, 108.

Alarm, ſtrange, at a church of Chelmſford, 109.

America, North, ſituation and temper of our colonies there, 51, 104, 105, 106, 217, 221, 271.

—— Exports to for five years from England, 328.

—— Imports from, to England, for ditto, ib. See Colonies.

Animal life, deva ſtation in, proved to contribute to its reproduction and well-being, 39.

Anſwers to two rebus's, 375.

Apologue, oriental, 24.

Arts, triumph of the, 374.

Avarice, curſe of, 261.

B.

Ballad, 103.

Bankrupt, examination of, 218.

Barley, wonderful ſort of, 380.

Bee-boxes, the moſt proper conſtruction of, 33.

Bentley, Dr. the famous critic, life of, 78, 123.

Bills, paſſed by his Majeſty, 332.

Blind perſons, their ſenſes fine and exquiſite, 352.

Blood-letting, obſervation on a man that operation could not be performed on, without his previouſly uſing ſome violent exerciſe, 367.

C.

Camphire, experiments with, 29.

Cardamines flos, an antiſpaſmodic remedy, 156.

Catalepſis in a Lady, uncommon inſtance of, 155.

Cataract, affecting relation of ſome intereſting circumſtances that accompanied the operation of a, 308.

Church talkers, animadverſions on, 160.

Circuit for the Summer aſſizes in Wales, 52.

Climacteric year, and critical days in ſickneſs, obſervations on the, 134.

Coach, ſtate, of his preſent Majeſty, expences of, 49.

Coal heavers, executed at Tyburn, 53.

Colonies, American, ſtate of the juriſdiction of the laws and Parliament of England over the, 121.—of religion there, 302

Combats, ſingle, inquiry into the antiquity and occaſion of, 182.

Company, East-India, Engliſh, reſolutions of the Court of Directors, 109.—augment the ſalaries of their clerks, 110.—Advices received by them from India, 273.—regulations by them, 313.

Cor-

Corſica, hiſtory of the revolutions of, from the earlieſt times to the preſent, 58.—ſtate of its preſent affairs, and war there, 206, 163, 220, 332.

Cyrus, a new tragedy, full account of, 313.

D.

Dancing, verſes on, 103.

Deaf and dumb, reflections on the ſagacity of ſome born, 70.

Death of a friend, moral reflections on the, 140.

Deer-ſtealers, adventures of, 328, 329.

Delia, haughty, a new ſong, 44.

Denmark, King of, lands at Dover, 109.—his perſon deſcribed, ib.—waits on his Majeſty, ib.—alliances by marriage of Denmark with England for 868 years back, 136.—King of Denmark's diſaſter near Leiceſter, 164.—his reception at Oxford, 165.—Dines at the Manſion-houſe, ib.—bill of fare there, 166.—gives a grand maſquerade ball, 219 —accepts the freedom of the city of London, ib.—takes leave, and quits the kingdom, 220.

Diſcourſe on Government, 2.—on the internal decay of a State, the conſequence of arbitrary power, 114.

Do, if you dare, a new ſong, 321.

Dog, natural hiſtory of the, 361.

Dreams, whence they proceed, and how beſt philoſophically accounted for, 243.

E.

Earthquakes, at Liſbon, 49 —in Italy, 328.—in England, 332.

Edict, of the French King, ſetting forth his motives for ſending troops to take poſſeſſion of Corſica, 216.

Education, right advantages of, 301.

Egagropile, ſingular, deſcribed, 346.

Elegy, on the death of a favourite ſpaniel, 208.

Elogy, by the King of Pruſſia, on Prince Henry of Pruſſia, 31.

England, hiſtory of, continued, 25, 71, 129, 176, 238, 296, 354.

Enoch, whether he wrote before the flood, 252.

Epilogue,—to the new tragedy of Cyrus, 320.—to the new tragedy of Zingis, 373.

Epode, in imitation of Horace, 154.

Examination-Self, 46.

F.

Fable, of the fox and wolf, 45.—of the butterfly and caterpillar, 102.—of the clown, the kite, and the crow, ib.—of the bragging maſter and honeſt dog, 152.—of the ſhepherd and blackbird, 207.—of the loaded aſs, or public credit, 208.—of the peaſant and Lord, 261.—of the cat, monkey, and cheſnuts, 322.—of the cuckow traveller, 323.—of the lion in the toils, ib.

Fan, Lady's, origin of the, 153.

Fevers, intermitting, and the method of cure, 212.

Finger of the left hand, which is next the little finger, excellency of the, 293.

Fires, dreadful, in Alderſgate-ſtreet, 51.—in St. Chriſtopher's, 218.

Fiſhes, fecundity of, new obſervations on the, 376.

Fleet-priſon, fall of ſome part of it, 109.

Frontiſpiece, illuſtration of the, 1.

G.

Gall-bladder, concretions in the, with a hint for remedying, 158.

Gillam. See Trial.

Girl, ſeduction of, attempted, 332.

Glynn, Mr. Serjeant, elected Knight of the ſhire for Middleſex, 330.

Government, diſcourſe on, 2.—particulars of a happy, 208.

Green, John. See Trial.

Griſgris, and Mumbo Jumbo, African ſuperſtitions, ſome account of, 116.

H.

Happineſs, incapacity of mankind for attaining, 153.

Hives of bees, the moſt proper conſtruction of, 33.

Honour, true and falſe, point of, ſtated, 184.

Hornets. See Waſps.

Hunting-ſong, 45.

I.

Immortality, deſire of fame in the ſoul, a proof of its tendency to, 264.

Imports. See America and Weſt-India iſlands.

Inconſtancy, a new ſong, 206.

Iſlands, formation of, 159.

L.

Lady, young, breaking a glaſs, verſes on, 150.

Lead, danger of drawing in by reſpiration the vapours of, 22.—its poiſon, the cauſe of the colic and palſy, hitherto attributed to the drinking of cyder, 201.—examination of the ſeveral methods by which this poiſon, unobſerved and unſuſpected, gains admittance into the human body, 265.

Letter, occaſional, on marriage, 7.

Liberty, thoughts on, 57.

Lie,

INDEX.

Lie, reflections on the conſequences of giving the, 183.

Literary and ſedentary perſons, diſeaſes incident to, 141.

Locuſts, ravages committed by, in the kingdom of Naples, 347.—methods taken to deſtroy them, ib.

Longevity, reflections on, 285.

Longitude, deſcription of a new inſtrument for determining the, 309.

M.

Maclane. Donald. See Trial.

Maid of Faſhion, a new ſong, 151.

Man's ſuperior excellency and dignity, aſcertained, 87.—thoughts on man, conſidered as a little world, 128.

Manifeſto, of the grand Seignior, for declaring war againſt the Ruſſians, 331.

Mankind, obſervations concerning the increaſe of, 305.

Manners, their influence on the numbers of a people, and their political proſperity, 349.

Marriage, directions for proceeding in a judicious manner in the important concern of, 7.

Marvell, Andrew, Eſq; life of the much celebrated, 254.

Mead, directions for making, 146.

Melons, method of raiſing, without earth, dung, or water, 260.

Meteors, appearance of, 50.

Monarch in maſquerade, 152.

Monumental inſcription, 207.

Mumbo Jumbo. See Griſgris.

Multiplication, law of, diſſertation on the conſequences reſulting from the, 137.

N.

Nation, preſent ſtate of, with reſpect to trade, finances, &c. 209.—project for extricating it out of its difficulties, 226.

Navigators, caution to, 312.

Negroes, inſurrection of, at Montſerrat, 52.

O.

Oath. See Paoli.

P.

Padlock, a new comic opera, full account of the, 198.—the Engliſh, 261.

Painting, diſſertation on the principles of, ſo far as they relate to prints, 282.

Paoli, General of the Corſicans, oath ſworn by him and his adherents, on the French aſſiſting the Genoeſe, 52. See Corſica.

Parliament, proceedings in the laſt ſeſſion of, continued, 9, 65, 118.

Patriarchs before the flood, whether they delivered their knowledge by tradition, 252.

Patriotiſm, modern, monumental inſcription to the memory of, 207.

Patty of the Hill, 45.

Peerage, compendious, of England, continued, 88, 192, 248.

Peopling of countries, &c. obſervations on the, 305.

Peter, commonly called the wild boy, account of, 209.

Phipps, Conſtantine, eulogium of, 152.

Phyſiognomy, uſeful reflections on, 299.

Pimlot, an attorney, ſtabbed by a harlot, 274, 275. See Trial.

Poiſon, deadly, and its preparation, uſed by the Indians for their arrows, authentic account of, 359.

Poland, affairs of, 53, 162.

Population, in the human ſpecies, conſiderations on the impediments which oppoſe the exceſs of, 269.

Preſs, ſtate of the liberty of, in Spain and Portugal, 181.

Prologue, ſpoken at the opening of the Theatre at Saliſbury, 263.—to the new Tragedy of Cyrus, 320.—on the appearance of a new Juliet at Covent-garden Theatre, 322.—to the new Tragedy of Zingis, 373.—on opening a Theatre at Sunderland, ib.—to a Play, for the benefit of the Weſtminſter Lying-in-hoſpital, 374.

Proviſions, ſcarcity of, at ſea, method of preventing a, 245.

Punch, verſes on a bowl of, 263.

Q.

Queen of France, death of, 49.—ſtate of her illneſs, 50.—her will, 52.

Queen of England, delivered of a Princeſs, 273.—the Princeſs chriſtened, 329.

R.

Rebus, 261, 322.

Relics, liſt of, preſerved in a church of the Dutchy of Mecklenburg, 84.

Reviews, at Wimbleton common, 49.

Riot-act, remarks on, with an application to certain recent and alarming facts, 92.—riots in France, 108.

Ruſſian Ambaſſador, impriſoned by the Turks, 273.—declaration, touching that affair, 330. See Turks.

S.

Sea-water, its ſparkling light cauſed by luminous inſects, 348.

Secker, Dr. late Archbiſhop of Canterbury, ſome account of his death, laſt illneſs, &c. 107 —his will and benefactions, 108.—ſome particulars of his life, 300.

Sedentary perſons. See Literary.

Sena, plant ſerving as a corrective to, 14.

Sen-

Senſation, obſervation on the total loſs of, in all parts of the body, 186.
Senſes, reaſons for doubting whether a man has all the requiſite, 76.
Sickneſs, advice not to counterfeit, 64.
Snails, formation of the window that ſhuts up the ſhell of, in winter, 348.
Solon, fragment of, 263.
Soul, human, proofs of its immateriality, 84, 375.
Souls of men, not equal, nor of like condition and dignity, 236.
Speech, of his Majeſty, on opening the preſent ſeſſion of Parliament, 272.
New Spinning wheel, 372.
Stanley, Earl of Derby, genealogy of his noble family, 249.
Stanzas, ſentimental, on a thunder-ſtorm, 43.
State, cauſes and conſequences of its internal decay, 114.
Stephano, defeated by the Turks, 274.
Stone, upheld in the air, 347.

T.

Talbot, Earl of Shrewſbury, genealogy of his noble family, 193.
Taviſtock, late Marchioneſs of, verſes on her death, 322.
Thoughts upon ſeveral ſubjects, 6.—political, 175.
Thunder ſtorm, at Portſmouth, 50.—verſes to a Lady very fearful of, 104.—ſtorm, at Selkirk, in Scotland, 106.—houſe ſtruck by thunder, 107.—in Glamorganſhire, 161.—in and near London, ib.
Tortoiſe, coriaceous, deſcribed, 348.
Treaty between France and the Republic of Genoa, for the ceſſion of Corſica, 50.
Trial, of ſome coal-heavers, for ſhooting at John Green, 46.—of Samuel Gillam, Eſq; for the murder of William Redburn, 89.—of Donald Maclane, for the wilful murder of William Allen, the younger, 96.—of John Andrew Martin, for burglary, 324.—of Eliſabeth Richardſon for murder, 326.
Turks, treatment of Ambaſſadors and their audiences, among the, 147.—proclaim war againſt Ruſſia, 275. See Ruſſian and Manifeſto.

V.

Vane, Sir Henry, life of, 337.
Vapours. See Lead.
Vauxhall, ſongs ſung at, 45.
Verſes, written in a muſic-book, 45.
Veſuvius, mount, account of the laſt eruption of, 37.

W.

Waſps, natural hiſtory of, 169.—method of deſtroying them and hornets, 174.
Water, freſh, approved and certain method for preventing a want of at ſea, 245.
Weſt-India iſlands, imports and exports to and from, to Great Britain, the amount of, 329.
White-ſwellings of the joints, method of treating, 379.
Wilkes, Mr. his addreſs to the Gentlemen, Clergy, and Freeholders of the County of Middleſex, 271.
Willis, Thomas, the moſt eminent phyſician of his time, the life of, 17.
Worms of the head, obſervations on, 229.—in the human body, ſagacity of, 304.

Y.

Yquetaya, a plant of Brazil, deſcribed, 14.—proved to be the ſame with a ſpecies of our ſcrophularia, 15.

Z.

Zinga, an African Queen, ſurpriſing hiſtory of, 187, 230, 285.
Zingis, a new Tragedy, account of, 368.

DIRECTIONS *to the* BINDER, *for placing the* CUTS *in this Forty-third* VOLUME.

	Page
THE Frontiſpiece to face the Title.	
Head of Dr. Willis ——	17
Conſtruction of Hives and Bee-boxes	33.
Whole-ſheet Map of Corſica ——	57.
Arms of the Marquis of Rockingham	88.
Whole-ſheet plate, No. XIX, of the roads of England — — —	113.
Portrait of the King of Denmark,	136.
Waſps neſts, 4to plate — —	169.
Arms of the Earl of Shrewſbury	216.
Portrait of Peter, the wild boy —	209.
Whole-ſheet plate of the roads of England, No. XX. — — —	225.
Arms of the Earl of Derby —	248.
Whole ſheet plate of the roads of England, No. XXI. ——	281.
Head of Dr. Secker, late Archbiſhop of Canterbury — —	300.
Head of Sir Henry Vane —	337.
Dog of Siberia — —	361.

See what good Government may here bestow!
Which, who but feels, can taste, but thinks, can know:

It holds that chain which links th'immense design,
Joins Heav'n and Earth, and Mortal and Divine;
And knows that Faith, Law, Morals, all began,
All end in love of God, and love of Man.

Pope.

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